



# The A-1 Operator Club Newsletter



First organized in May 1933, the ARRL A-1 Operator Club has a proud history and occupies an important place in Amateur Radio tradition. Communications Manager Ed Handy, W1BDI, announced its formation with these words in July 1933 *QST*:

Are you an A-1 Operator? Excellence in stations has often been emphasized. Yet, station performance, equipment, adjustment, etc., are but part of the story. The operation of the equipment, knowledge of procedure, and general communications technique are of very great importance in determining the results of any station. To bring attention to good operating as a paramount issue, and to give it something of the importance it deserves we are this month announcing in these columns the launching of a club for A-1 operators.

By early 1934, the roster of recognized A-1 operators had swelled to more than 400; by the end of 1938, to 1,000. Then, as now, nominations were not made lightly; through the years, recognition as an A-1 Operator has represented an unsolicited acknowledgment of one's high standing among one's peers.

Much is said about the handful of radio amateurs whose operating practices do not quite measure up. Not enough is said about those who, by contrast, lead by example — who set the standard for others to follow. Let us correct that now. Let us honor them as A-1 Operators and in so doing, honor the best in Amateur Radio. — David Sumner, K1ZZ

This newsletter is going to US members of the ARRL A-1 Operator Club. In March 1995 there were only 3,000 members world-wide. Do you believe that this is an accurate representation of the number of above average operators? We don't. We ought to be seeing 500 new A-1 Ops each year.

The good news is last year we received 477 nominations. The bad news is that the club grew by only 140 new members because two of every five nominations lacked a second.

## Who to Nominate?

Membership comes after nomination by two Club members who find the nominee qualified to be a member of this elite group. Nominations should be based on the following:

1. General considerations. Transmissions stable, well filtered, and occupying the minimum required bandwidth. On voice, clarity of speech, brevity, uses appropriate words and good grammar. On digital modes, clean tones and appropriate operating-frequency selection. On CW, proper character formation and spacing with appropriate speeds (high-speed ability is not a consideration).
2. Procedure. Always listens before transmitting. Appropriately short CQs, avoidance of unnecessary repetition, use of proper procedures and abbreviations recommended by ARRL, avoidance of common inanities in making contacts. When operating a message forwarding system, make sure

that traffic is routed to its destination.

3. Judgment and courtesy. Courteous, and considerate of the other operator's point of view. Takes every opportunity to assist others, especially beginners. Patient and helpful at all times, and never knowingly operates in such a way as to lessen the pleasure of others.
4. Copying ability. This applies to all modes, for there is a knack to passing information through such difficulties as interference from other stations (QRM), atmospheric noises (QRN), fading (QSB), etc.

## How to Nominate

Use the roster to see if someone is already a member, or to find a second for your nominations. Send those nominations to: ARRL Awards Desk, 225 Main St., Newington, CT 06111. If you're on e-mail send them to: [awards@arrl.org](mailto:awards@arrl.org).

We'll need to know your name and callsign plus the callsigns of your nominees. If you know their names and addresses, please include that information too. Names and addresses are particularly important for nominees living outside the USA. Please take a moment to check the accuracy of the information you send us. It can save a lot of work and avoids delays at this end. Thanks.

We're ready to receive your nominations, and issue awards. Please, help us reach the goal of 500 new members per year!



AA1C	K1IFJ	K2OZ	K4BXU	K4VOT	K7LDM	K9UKZ	KH6RM	N2EWH	N6TJ	W0GRW
AA1K	K1IJV	K2PE	K4CAX	K2PE	K7MM	K9UTQ	KH6SK	N2FP	N6TR	W0GWT
AA1M	K1IMP	K2PH	K4CEB	K4WJR	K7MRX	K9UUT	KI2E	N2GJ	N6TW	W0GXQ/4
AA2MD	K1ITS	K2PVH	K4CBF	K4WM	K7NHV	K9VKY	KI4SJ	N2IC	N6UH	W0GZD
AA2SV	K1JD	K2PXX	K4CIA	K4WOP	K7QPG	K9WA	KI4W	N2II	N6WP	W0H8
AA2Z	K1JX	K2QAR	K4CPX	K4WU	K7QGO	K9WVM	KI5DG	N2IT	N6XI	W0HP
AA4FF	K1QIL	K2QIL	K4CQ	K4XS	K7RM	K9YGA	KI5VM	N2KA	N6ZD	W0HUI
AA4FG	K1KPS	K2QMF	K4CRU	K4YEP	K7RQZ	K9ZLA	KI5XM	N2KS	N6ZZ	W0HXB
AA4NA	K1KK	K2RD	K4CTE	K4YFC	K7RS	KA1BC	KI7Y	N2KW	N7BG	W0HY
AA4TE	K1LCQ	K2RXB	K4CWZ	K4YT	K7SLX	KA1BQ	KJ3Y	N2NA	N7BZ	W0IDW
AA4V	K1LWI	K2SHE	K4DBM	K4ZK	K7TNE	KA1DYE	KJ5GE	N2NT	N7CUN	W0IFR
AA5AU	K1MBX	K2SLG	K4DZM	K4ZT	K7UC	KA1GEK	KJ9I	N2UU	N7DF	W0IPV
AA6AP	K1MEM	K2SNK	K4EAT	K5ADQ	K7UGA	KA1YU	KJ9N	N2VA	N7DH	W0IW
AA6BB/7	K1MM	K2SPO	K4EC	K5AKR	K7WL	KA2CBC	KJOG	N2XJ	N7DRP	W0JCO
AA6XX	K1MZM	K2SWZ	K4EFZ	K5BGB	K7WQJ	KA2GJV	KJQJ	N2YL	N7EB	W0JLC
AA7KE	K1NLQ	K2SX	K4EJZ	K5BNH	K7YDO	KA3EPG	KK5BX	N3AAH	N7BYR	W0JU
AA8AN	K1NN	K2TD	K4EJW	K5BTM	K8AA	KA4PHB	KK5BP	N3AHI	N7MPS	W0JUV
AB1P	K1OOJ	K2TO	K4EL	K5CAY	K8BTH	KA4FZI	KK6H	N3AM	N7NO	W0KCG
AB1U	K1OQG	K2UFM	K4ENL	K5CM	K8CIR	KA4HHE	KK6WD	N3AOG	N7OGR	W0KON
AB4S	K1PAD	K2UFT	K4ENW	K5DHZ	K8CNB	KA4HHE	KK7T	N3BKI	N7POK	W0KOP
AB5J	K1PD	K2UIR	K4ERM	K5DQ	K8DHK	KA4IUM	KL7PJ	N3BQS	N7RJ	W0KQD
AB5YG	K1PJQ	K2UL	K4PAC	K5DRF	K8DIU	KA4NYW	KL7W	N3CHB	N7TT	W0KZV
AB6EU	K1PKZ	K2UO	K4POL	K5EA	K8DMU	KA5A	KM1R	N3COY	N7UOF	W0LER
AB6I	K1PNB	K2VX	K4PRM	K5ER	K8DYD	KA5AZK	KM4AE	N3DOI	N7YL	W0LQS
AB8R	K1POM	K2YSR	K4FU	K5FA	K8EI	KA5NNG	KM4DY	N3DRM	N8ARA	W0LX
AC1G	K1PQS	K3AER	K4FW	K5GM	K8EJ	KA7EKL	KM6E	N3EA	N8CCE	W0MFK
AC2X	K1PQV	K3AS	K4PZM	K5HDP	K8EUX	KA7JCN	KN1D	N3GE	N8FU	W0MGI
AC4BK	K1QFD	K3AT	K4PZQ	K5HKG	K8GHG	KA7MUL	KN1K	N3KR	N8HW	W0MLY
AC4DV	K1QPV	K3AUS	K4GCN	K5HTD	K8GL	KA8BIA	KO1O	N3TEW	N8II	W0OCK
AC4MD	K1QWK	K3AV	K4GNW	K5INC	K8GOP	KA8TIN	KO4BJ	N3WW	N8KQG	W0OHJ
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AD4GD	K1RAW	K3BR	K4HI	K5LGJ	K8IA	KB0HC	KP4AZ	N4AUN	N8MI	W0OVQ
AE4E	K1RF	K3CL	K4HJM	K5MAT	K8IP	KB1JL	KP4BJ	N4BRA	N8RF	W0OYH
AE4X	K1RH	K3CRC	K4HVL	K5MK	K8IW	KB1K	KP4CL	N4CSF	N8XX	W0PEV
AF2L	K1RTM	K3CRD	K4HXW	K5MRT	K8JX	KB2JRT	KP4DJ	N4DW	N8YQH	W0PKD
AG2R	K1SDS	K3DKD	K4HYL	K5MXQ	K8JQ	KB4N	KR1R	N4EDH	N9CGD	W0PM
AH2M	K1SLJ	K3DLC	K4IA	K5OA	K8LS	KB4QWG	KR1S	N4EJW	N9EX	W0PMR
AH3C	K1SS	K3EC	K4ICA	K5OD	K8LYB	KB4T	KR4M	N4FFN	N9HRF	W0QG
AI8M	K1SSH	K3BQ	K4IGO	K5ODD	K8MFO	KB5IXI	KR4QQ	N4FMA	N9HZV	W0RIQ
AI8V	K1SU	K3PFJ	K4II	K5OS	K8MJO	KB5OHT	KR8V	N4FYK	N9SW	W0RLI
AI8W	K1TEV	K3POD	K4IKR	K5QEA	K8MN	KB5UJH	KR9P	N4GHI	NA2J	W0RQJ
AJ4L	K1THP	K3FPQ	K4ILC	K5RCC	K8MXC	KB5UL	KS1G	N4GHI	NA7O	W0RRY
AK7Y	K1TMJ	K3FUB	K4ILX	K5RG	K8MZT	KB5W	KS2L	N4HG	NDOP	W0RTO
AL7EL	K1TN	K3GIH	K4ITV	K5TEY	K8NQJ	KB5WQ	KS2P	N4KG	ND5T	W0RTW
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KOAW	K1TW	K3HFV	K4IX	K5TGA	K8NFT/4	KB7GZU	KT5Z	N4MD	NE8I	W0SS
KOAYO	K1TZH	K3IE	K4IYP	K5TL	K8OGN	KB7JQM	KU2N	N4NK	NF0N	W0SZT
KOBAD	K1UO	K3II	K4JGU	K5UPN	K8OHW	KB8EI	KU7F	N4NT	NF1J	W0TLD
KOBIX	K1UU	K3IKM	K4JI	K5VLO	K8OI	KB8MU	KV3J	N4NX	NF2O	W0UQD
KOCGE	K1UZG	K3IXQ	K4JIG	K5VNJ	K8ONV	KB8VDR	KV5X	N4OO	NF6R	W0US
KODEQ	K1VCO	K3JA	K4JM	K5VV	K8QKY	KB9GP	KW1U	N4OW	NG1J	W0VFE
KODJ	K1VHO	K3JB	K4JST	K5XK	K8QLL	KB9NM	KW4V	N4PF	NG2S	W0VZH
KOEZ	K1VII	K3JGJ	K4JTD	K5YL	K8RD	KB9XE	KX2X	N4PW	NJ0C	W0WW
KOPPC	K1VIJ	K3JRM	K4JWM	K5YY	K8RMN	KBOKS	KX3X	N4PY	NJ4L	W0WYJ
KOPT	K1VJI	K3KFP	K4JYQ	K6AM	K8RNU	KBOPB	KX5V	N4RHD	NJ9A	W0YCR
KOGII	K1VUT	K3KK	K4KA	K6AYB	K8RYA	KC4A	KY1O	N4T0	NK4I	W0YDB
KOIFL	K1WJ	K3KLT	K4KE	K6CID	K8TDJ	KC4L	KY1T	N4UO	NM7O	W0YLS
KOII	K1WJL	K3KMO	K4KHT	K6DC	K8TFE	KC4LF	KY2Q	N4UQC	NM9I	W0YU
KOIJL	K1WLX	K3KNP	K4LCD	K6DM	K8TPF	KC4SQW	KY3Y	N4YU	NM7H	W0YXO
KOIKL	K1WQU	K3KO	K4LMB	K6DYX	K8UOQ	KC5LF	KZ3O	N4WA	NN8R	W0ZF
KOJPL	K1WW	K3KW	K4LNA	K6BNL	K8US	KC5NA	KZ4G	N4WCW	NP4D	W1ACE
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KOOL	K1ZZ	K3NW	K4LQ	K6JA	K8ZNC	KC9WD	KOBXF	N5AR	NR7E	W1ALT
KOPTD	K2AGJ	K3NZB	K4LRL	K6JG	K8ZXB	KCOAS	KOCVD	N5BB	NS4D	W1APU
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KOTGU	K2BK	K3PSU	K4MPE	K6ORT	K9BWT	KD6HLP	KORWL	N5ES	NZ2T	W1BGW
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KOWD	K2DCA	K3STM	K4MYO	K6RA	K9CSL	KD7ME	KOUXQ	N5FOY	NOCWW	W1BL
KOWWX	K2DN	K3SWZ	K4ND	K6RQ	K9CZC	KD7UX	KOVNB	N5GOI	NOFFZ	W1BXM
KOXX	K2DXV	K3TNL	K4NYO	K6SB	K9DCJ	KD8V	KOBXL	N5IKN	NOIA	W1BXM
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KOZSQ	K2FL	K3UOC	K4PQL	K6SU	K9ET	KE4O	N0ZO	N5MR	NOXT	W1CKA
K1ALP	K2GF	K3UWX	K4QCQ	K6UXV	K9FD	KE5WL	N0ZO	N5RN	WOAC	W1CKK
K1AO	K2GMM	K3UZY	K4QES	K6UYK	K9FZU	KE6JA	N1AC	N5TC	WOAF	W1CUH
K1AWP	K2GWN	K3VBA	K4QPL	K6UZ	K9GTQ	KE8CD	N1ART	N5WHR	WOAH	W1CUY
K1BNQ	K2GYX	K3WAJ	K4QWQ	K6VFE	K9HMB	KF2T	N1CC	N5XA	WOAIIH	W1CW
K1CE	K2IZA	K3WUR	K4RDP	K6VLM	K9HYZ	KF2T/O	N1CBS	N5XUJ	WOALW	W1DA
K1CK	K2JWM	K3WUW	K4RF	K6VVA	K9IHU	KF2VL	N1DHT	N6ANQ	WOARO	W1DDX
K1DC	K2KAU	K3WW	K4RHL	K6XG	K9IRA	KF2W	N1ESE	N6AO	WOAV	W1DF
K1DK	K2KD	K3YBR	K4RNS	K6XP	K9JOL	KF4BU	N1IIQ	N6CD	WOAYL	W1DGG
K1DXA	K2KFE	K3YVG	K4SAV	K6XS	K9LFA	KF4FX	N1JS	N6CER	WOBA	W1DIT
K1EIC	K2KIR	K4AHU	K4SCL	K6YK	K9LLX	KF4LC	N1NH	N6FVJ	WOBM	W1DKS
K1EIR	K2LFP	K4AKP	K4SGQ	K6ZPE	K9LN	KP5BL	N1OTC	N6GW	WOBY	W1DMD
K1EKO	K2LGJ	K4AMC	K4SUG	K6ZY	K9LTN	KP7R	N1RA	N6KIZ	WODE	W1DUB
K1FM	K2LWR	K4ANJ	K4TEA	K7AOA	K9LXK	KP9Y	N1RBO	N6LT	WODIM	W1DVW
K1FWA	K2LXC	K4AOH	K4TF	K7BFL	K9MIF	KG4K	N2BL	N6LUY	WODU	W1DX
K1GL	K2MDG	K4AOZ	K4TH	K7CDA	K9MTE	KG4O	N2BNB	N6NA	WODX	W1DXV
K1GN	K2MFX	K4APF	K4TKM	K7GM	K9MWA	KG6LC	N2BOG	N6NO	WOEXX	W1EBO
K1GQ	K2MGE	K4AVU	K4TTG	K7GP	K9OTB	KH6AIN	N2CC	N6RA	WOEPV	W1ECH
K1GQH	K2MI	K4AXA	K4UIZ	K7GXZ	K9PPY	KH6ALM	N2CQ	N6RO	WOFDJ	W1EFF
K1GRP	K2MUB	K4BAI	K4UTY	K7JV	K9RJO	KH6BIH	N2DAN	N6RU	WOFDL	W1ELL
K1HKI	K2ND	K4BKX	K4UUM	K7JXR	K9RPZ	KH6BZU	N2DLN	N6RW	WOFT	W1EOF
K1HOP	K2NV	K4BSK	K4VFY	K7KN	K9UIY	KH6CUQ	N2DXP	N6SO	WOFVG	W1EQ
K1HTV	K2OEA	K4BTO	K4VM	K7LAY	K9UKY	KH6JFI	N2BEZ	N6SYQ	WOGAR	W1ERW



W1ESN	W2AIQ	W2WHD	W3ZGG	W4OYI	W5LP	W6JWF	W7OTL	W8RC	W9LLN	WA2EXP
W1EZR	W2AMS	W2WSS	W3ZHQ	W4OZC	W5LPZ	W6JYT	W7PFD	W8RCM	W9LNQ	WA2FIJ
W1FAB	W2ATA	W2WZQ	W3ZUH	W4PAA	W5LZZ	W6KHM	W7PG	W8RJL	W9LW	WA2GAB
W1FAT	W2BA	W2XD	W4AAV	W4PED	W5MJQ	W6LCP	W7PRW	W8RSW	W9MAK	WA2GPT
W1FB	W2BBX	W2XM	W4AIT	W4PPF	W5MWK	W6MHR	W7QO	W8RYP	W9MAL	WA2GQI
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W1FNC	W2BJI	W2YC	W4BCI	W4PSG	W5NA	W6MOJ	W7SU	W8SZ	W9MFM	WA2HZU
W1FSH	W2BSH	W2YCW	W4BJ	W4QAT	W5NBI	W6MUR	W7TGU	W8SZU	W9MNM	WA2IKL
W1FTJ	W2BXA	W2YID	W4BJT	W4QBM/9	W5NG	W6MVW	W7TTA	W8TAR	W9MNU	WA2KNW
W1GKJ	W2CC	W2YS	W4BK	W4QC	W5NJ	W6NKE	W7TVF	W8TAY	W9NA	WA2LOZ
W1GOF	W2CCS	W2ZA	W4BKC	W4QDY	W5NO	W6NKR	W7TX	W8TBP	W9NMP	WA2MAP
W1GUC	W2CNT	W2ZZ	W4BMT	W4QM	W5OGS	W6NSK	W7UTM	W8TJ	W9NN	WA2MEQV
W1HBT	W2CS	W3ABC	W4BQV	W4RLG	W5OOF	W6NKF	W7VMF	W8TRN	W9NTA	WA2MGV
W1HCW	W2CVF	W3ADE	W4BT	W4RNL	W5OUD	W6OA	W7VSE	W8UDA	W9OKI	WA2MWO
W1HDC	W2CVW	W3AOH	W4BTZ	W4RQ	W5OXA	W6OAT	W7WST	W8UDB	W9PCF	WA2NLP
W1HDQ	W2DA	W3AR	W4BUW	W4SHJ	W5PIZ	W6OMR	W7ZB	W8UFS	W9PNE	WA2PIZ
W1HGT	W2DOR	W3ATQ	W4BVE	W4SME	W5PJS	W6OUL	W7ZIW	W8UMR	W9QEC	WA2QNW
W1HHE	W2DQB	W3AX	W4BW	W4SUS	W5PPX	W6OV	W7ZIW	W8UOQ	W9QFC	WA2SPL
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W1HL	W2BTS	W3AXK	W4BYG	W4TDT	W5QEM	W6PIV	W8AD	W8UR	W9QLW	WA2SRQ
W1HY	W2EWR	W3BI	W4CAM	W4TI	W5QMJ	W6QAE	W8AQ	W8US	W9RE	WA2TEK
W1ICA	W2EBZ	W3BLN	W4CDA	W4TJS	W5QU	W6QLU	W8ATC	W8VSK	W9RGB	WA2TUI
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W1IIP	W2FJ	W3CAU	W4CNZ	W4UF	W5RLN	W6RIC	W8AVB	W8WT	W9SQX	WA2VYS
W1IIQ	W2FNX	W3CBH	W4CXH	W4UHG	W5RM	W6RSY	W8BBA	W8WUT	W9SUF	WA2VYT
W1IJB	W2FR	W3CDT	W4DAW	W4UNR	W5RUK	W6SX	W8BCO	W8WVL	W9TDB	WA2WGS
W1ITO	W2FXA	W3CPB	W4DFK	W4UQ	W5SAY	W6TD	W8BEZ	W8YGR	W9TGT	WA2WHE
W1JIO	W2GA	W3CPV	W4DGH	W4UVS	W5SHN	W6TH	W8BHL	W8YIQ	W9TIF	WA3AFI
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W1JMY	W2GD	W3CZ	W4DL	W4VJU	W5TEB	W6TSX	W8BTI	W8YNY	W9UNJ	WA3EMO
W1KAM	W2GKH	W3DCR	W4DO	W4VN	W5TFB	W6TUT	W8BTV	W8ZC	W9VAY	WA3EYL
W1KJF	W2GKZ	W3DFL	W4DVR	W4VOV	W5TGU	W6UHA	W8BZY	W8ZJ	W9WJB	WA3FMO
W1KK	W2GLB	W3DNY	W4EAT	W4VPD	W5TJT	W6USY	W8BZY	W8ZJB	W9WJH	WA3FWJ
W1KK	W2GUM	W3DZ	W4EEE	W4VQB	W5TQE	W6UTU	W8CBA	W9AES	W9WW	WA3GLJ
W1LAV	W2GWE	W3EBB	W4EEG	W4VWL	W5TTB	W6UZ	W8CEG	W9AJR	W9WWT	WA3GLX
W1LJ	W2GWS	W3EM	W4EFW	W4WD	W5TYS	W6VD	W8CJT	W9ALI	W9WZL	WA3HBT
W1LQ	W2HAC	W3EOB	W4EHN	W4WDH	W5TZR	W6VZT	W8CKK	W9AND	W9YNB	WA3IKK
W1MD	W2HAZ	W3EOP	W4EHU	W4WHK	W5UAH	W6WU	W8CNL	W9ATH	W9YYG	WA3JUF
W1MM	W2HD	W3EUP	W4EJC	W4WI	W5UD	W6WY	W8CNL	W9AUN	W9YZG	WA3KSH
W1NG	W2HGV	W3EJF	W4EJP	W4WJ	W5UJO	W6YBV	W8CRK	W9AW	W9AWZ	WA3KYW
W1NJM	W2HIF	W3FDM	W4EJQ	W4WMQ	W5UN	W6YHM	W8CSO	W9BCC	WA0BUH	WA3LKV
W1NS	W2HTI	W3FGQ	W4EQR	W4WOG	W5UOZ	W6YY	W8CT	W9BCL	WA0CEL	WA3SSZ
W1NU	W2HYM	W3FPQ	W4FNS	W4WTW	W5UP	W6ZH	W8CV	W9BEA	WA0CHT	WA3UNX
W1OAK	W2IT	W3FSY	W4FOA	W4WV	W5UQP	W6ZRJ	W8CKS	W9BJH	WA0CD	WA3VBM
W1OD	W2ITK	W3GF	W4FOE	W4WXA	W5UWA	W7AFZ	W8DB	W9BPG	WA0DOU	WA3WIP
W1OFK	W2IVS	W3GG	W4FP	W4WXZ	W5VIR	W7AGE	W8DIY	W9BRD	WA0EPX	WA3ZMY
W1OG	W2JAU	W3GH	W4FWH	W4XBE	W5VLW	W7AIB	W8DSE	W9BSH	WA0EVO	WA4ANH
W1OHA	W2JBG	W3GL	W4GC	W4XJ	W5VMN	W7AK	W8DUV	W9CA	WA0FKD	WA4AOJ
W1OLO	W2JOQ	W3GM	W4JQ	W4YA	W5VMW	W7AMX	W8DUW	W9CBE	WA0HMP	WA4AVM
W1OO	W2JU	W3GN	W4GM	W4YB	W5VPV	W7AZU	W8EGI	W9CKU	WA0HRM	WA4BMC
W1OT	W2JWK	W3GOX	W4GOG	W4YQT	W5VSQ	W7BDU	W8EOI	W9CM	WA0HRY	WA4BPK
W1PBG	W2JXZ	W3HNX	W4GPD	W4YRK	W5VSZ	W7BPQ	W8ET	W9CMC	WA0HTN	WA4BSJ
W1PEX	W2KXL	W3HO	W4GYP	W4ZD	W5VUH	W7BPS	W8ETU	W9CQG	WA0HUJ	WA4BVD
W1PKV	W2LBI	W3IF	W4HFU	W4ZJY	W5WC	W7BFX	W8EWF	W9DBO	WA0JKT	WA4BVF
W1PL	W2LBM	W3INH	W4HHU	W4ZYW	W5WH	W7BZ	W8FB	W9DDP	WA0KNW	WA4BWE
W1PXX	W2LPE	W3IQK	W4HIR	W5ACE	W5WLA	W7CNL	W8FJK	W9DM	WA0KYM	WA4DHU
W1QON	W2LWB	W3IVC	W4HJ	W5ADZ	W5WW	W7CZY	W8FN	W9DND	WA0PFS	WA4DLS
W1QV	W2MEL	W3IVS	W4HYW	W5AQ	W5WZ	W7DH	W8FWQ	W9DYP	WA0QIA	WA4DXL
W1RAN	W2MIG	W3IYI	W4HIF	W5AWT	W5XJ	W7DY	W8GCZ	W9DYG	WA0RIB	WA4EIC
W1RLQ	W2MOY	W3JKK	W4IMI	W5BGE	W5YQZ	W7DYU	W8GEN	W9DZC	WA0SHE	WA4EPM
W1RM	W2MPK	W3KFH	W4IRA	W5BNG	W5ZPD	W7EA	W8GIO	W9BVG	WA0VYB	WA4EUL
W1RN	W2MQ	W3KLE	W4IRZ	W5BV	W5ZU	W7EXB	W8GT	W9BI	WA1CVW	WA4EXA
W1SDU	W2MTA	W3KMD	W4IYT	W5CDF	W6AHH	W7ENG	W8HA	W9BEY	WA1CKE	WA4EYU
W1SE	W2MTW	W3KOD	W4IZR	W5CP	W6AI	W7EP	W8HTD	W9FC	WA1EDX	WA4FFW
W1SEB	W2MUM	W3KUN	W4JJ	W5CVQ	W6AJJ	W7PBD	W8ILC	W9PDX	WA1EHP	WA4FJH
W1SKO	W2NDL	W3KVS	W4JRU	W5CXM	W6ALO	W7PHQ	W8ILP	W9FPG	WA1EUU	WA4FIJ
W1SL	W2NHJ	W3LBC	W4KA	W5DNG	W6AOA	W7FIK	W8IMI	W9FPZ	WA1FCD	WA4GMC
W1TM	W2NS	W3LC	W4KFT	W5DO	W6ASH	W7FKS	W8ITT	W9FZC	WA1FNS	WA4GVE
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W1UBG	W2OD	W3LIV	W4KJS	W5BGS	W6BNX	W7GCL	W8JEI	W9GHY	WA1GAG	WA4IBZ
W1UC	W2ON	W3LMB	W4KJT	W5BIU	W6BVM	W7GCR	W8JTD	W9GIL	WA1HAB	WA4IUM
W1UD	W2ORS	W3LN	W4KK	W5BJT	W6BW	W7GHT	W8JWX	W9GJS	WA1HJD	WA4IYG
W1UP	W2OXX	W3MFW	W4LBM	W5EXI	W6CBA	W7GIP	W8JYA	W9HB	WA1JVV	WA4JDH
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W1UU	W2QT	W3NEM	W4LVV	W5FYZ	W6DMN	W7GVF	W8KPL	W9ICF	WA1KMP	WA4LXZ
W1VD	W2REH	W3NHI	W4LXL	W5GEL	W6DOT	W7HXX	W8KUU	W9IE	WA1KMU	WA4MTZ
W1WCC	W2RIG	W3NNL	W4MH	W5GF	W6EB	W7IEH	W8KUX	W9II	WA1LGU	WA4NBC
W1WEP	W2RIZ	W3NX	W4MIN	W5GHP	W6ENA	W7INY	W8LYP	W9IL	WA1LOU	WA4NJK
W1WF	W2RPH	W3OP	W4MJ	W5GRJ	W6BOT	W7IWU	W8LZU	W9IO	WA1LPJ	WA4NPL
W1WFPZ	W2RPI	W3PKP	W4MLE	W5GUD	W6BQY	W7JMH	W8LZV	W9IT	WA1LXC	WA4OIB
W1WM	W2RQ	W3PQ	W4MR	W5HHT	W6ETR	W7JN	W8MCK	W9ITD	WA1MBK	WA4ONO
W1WFR	W2RQ	W3PQ	W4NFK	W5HJT	W6FAY	W7JOA	W8MMH	W9IV	WA1MCJ	WA4PPK
W1WSN	W2RRX	W3PYF	W4NL	W5SPS	W6PEX	W7JOS	W8MJG	W9JA	WA1MRT	WA4PGM
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W1WX	W2RWE	W3QER	W4NTO	W5JDF	W6GAI	W7KOI	W8NJR	W9JR	WA1TBY	WA4RBM
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W1XX	W2SM	W3RMD	W4OGW	W5KBP	W6HAW	W7KZ	W8NR	W9JUB	WA1X	WA4SIH
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W1YRC	W2SUE	W3TAT	W4OO	W5KHK	W6IMK	W7LX	W8OCC	W9KKM	WA2AWG	WA4WIP
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W1ZEN	W2THE	W3TMZ	W4OQG	W5KLV	W6IO	W7MID	W8OK	W9KQD	WA2CJT	WA4WWT
W1ZLX	W2TK	W3UTX	W4OOU	W5KOD	W6ISQ	W7MKW	W8PBO	W9KR	WA2CLB	WA4YQC
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W2AG	W2VMX	W3WRE	W4OWJ	W5LGY	W6JTG	W7NWP	W8QOQ	W9LGH	WA2DMK	WA5HLW
W2AHV	W2VO	W3WZU	W4OXR	W5LKL	W6JU	W7OK	W8QZK	W9LKJ	WA2EYI	WA5INV



WA5JFZ	WA8EOH	WB0KTC	WB2PUI	WB5CIC	WD4AWN	WOEB
WA5JUI	WA8FSX	WB0MPC	WB2QHE	WB5ELG	WD4COL	WOFEO
WA5KVO	WA8MCR	WB0PRA	WB2QOQ	WB5J	WD4DPB	WOPJ
WA5ONN	WA8MQT	WB0Q	WB2RBA	WB5NKC	WD4GSG	WOGHA
WA5PJT	WA8MZQ	WB0RNP	WB2SJQ	WB5NKD	WD4HRN	WOJN
WA5PQX	WA8NDY	WB0SND	WB2TTY	WB5SDD	WD4LAR	WOKZZ
WA5QGN	WA8OXL	WB0TBC	WB2UVB	WB5UCL	WD4NKP	WOLGG
WA5SUE	WA8PIM	WB0WHB	WB2VJB	WB6AKR	WD4RKV	WOLQ
WA5TOS	WA8PWB	WB1AAG	WB2VSL	WB6CUA	WD5ISV	WOLX
WA5TUD	WA8RLT	WB1ACZ	WB2YQH	WB6CWE	WD6FKK	WONYG
WA5TYH	WA8SDN	WB2AEK	WB2YYB	WB6DOB	WD8KQC	WOOJG
WA5ZPG	WA8UYM	WB2DDQ	WB2YYR	WB6ENC	WD8LDY	WOOSF
WA6AMK	WA8WAK	WB2DST	WB3AMN	WB6FIS	WD9ESX	WOPAN
WA6BMG	WA9BWT	WB2EAG	WB3CQN	WB6GDZ	WDOGML	WORGs
WA6CRN	WA9CCP	WB2FEQ	WB3EPU	WB6GMM	WESU	WOTE
WA6ERS	WA9CNV	WB2FFY	WB3GZU	WB6HVA	WFOQ	WOUTD
WA6FVA	WA9EPH	WB2FXB	WB3JOT	WB6ICM	WF6O	WOY0Y
WA6IDN	WA9EZP	WB2GAL	WB4BGL	WB6JQC	WG4T	WOZCL □
WA6IPI	WA9GNA	WB2GDN	WB4BHW	WB6LGL	WJ7R	
WA6LFA	WA9GOH	WB2GHI	WB4CHB	WB6ODR	WM4T	
WA6MDC	WA9HLW	WB2GQK	WB4CPO	WB6OYN	WN4IIV	
WA6OET	WA9KFK	WB2HKZ	WB4DBB	WB6UVU	WO4L	
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WA7BDD	WA9LTI	WB2HLV	WB4DOY	WB6YXA	WR1A	
WA7DXI	WA9MTY	WB2HLY	WB4ELX	WB6ZBQ	WR4U	
WA7EES	WA9N	WB2HZY	WB4EPD	WB7VYH	WS10	
WA7HPK	WA9NBU	WB2IFN	WB4GHD	WB7WOW	WT0E	
WA7IFX	WA9NEW	WB2IQG	WB4GUQ	WB8C	WV2V	
WA7IRD	WA9QNI	WB2ISR	WB4JMG	WB8ITT	WV4R	
WA7LBS	WA9VGW	WB2JCE	WB4NCH	WB8JAD	WW1N	
WA7NUH	WA9VND	WB2JCI	WB4NGE	WB8LFO	WY7U	
WA7OIG	WA0EPW	WB2KKO	WB4NTW	WB8NCD	WOAIB	
WA7RQI	WA0GHZ	WB2LZN	WB4OMG	WB8YDZ	WOAP	
WA7YYB	WA0OWH	WB2MMO	WB4OSN	WB8YRY	WOBL	
WA8AJI	WA0VYV	WB2MRA	WB4PNG	WB9KFX	WOBQ	
WA8BQK	WA0WOB	WB2NSV	WB4PNY	WB9OMX	WOBRY	
WA8CFJ	WB0EVI	WB2OCA	WB4PTH	WB9TBT	WOCHJ	
WA8CHA	WB0EJJ	WB2OJM	WB4WUZ	WB9UYU	WODRI	
WA8DNZ	WB0HOX	WB2PQR	WB4WYG	WC5D	WODUN	
WA8DTG	WB0IEL	WB2PSV	WB5B	WD0DMM	WODXB	

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